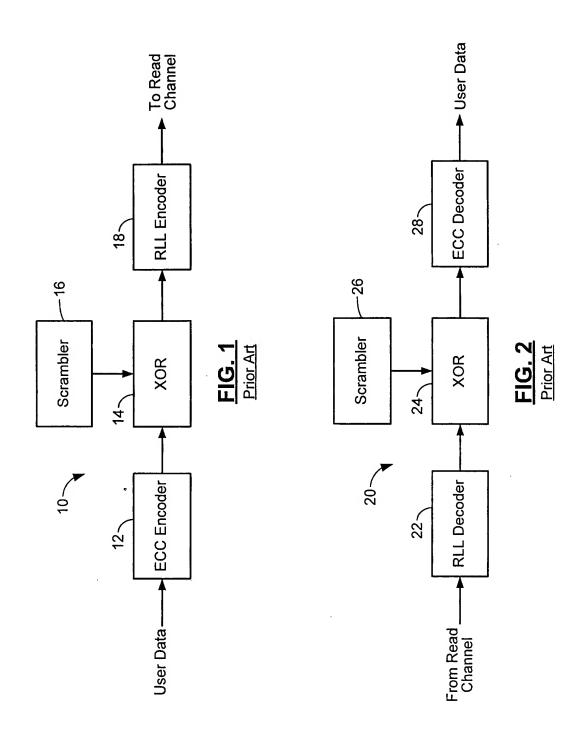
Title: METHOD AND APPARATUS FOR GENERATING A SEED SET IN A DATA DEPENDENT SELECTOR Inventors: Yu, Zhan

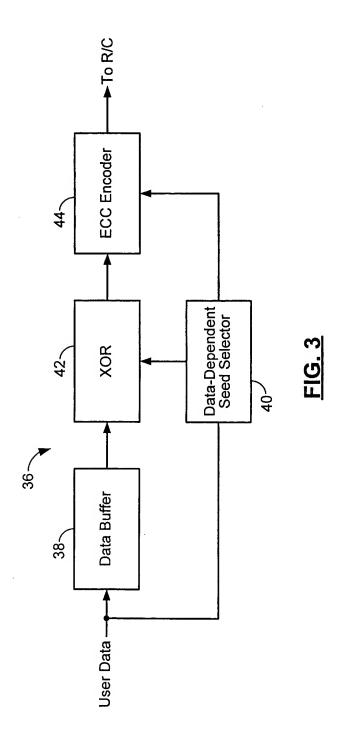
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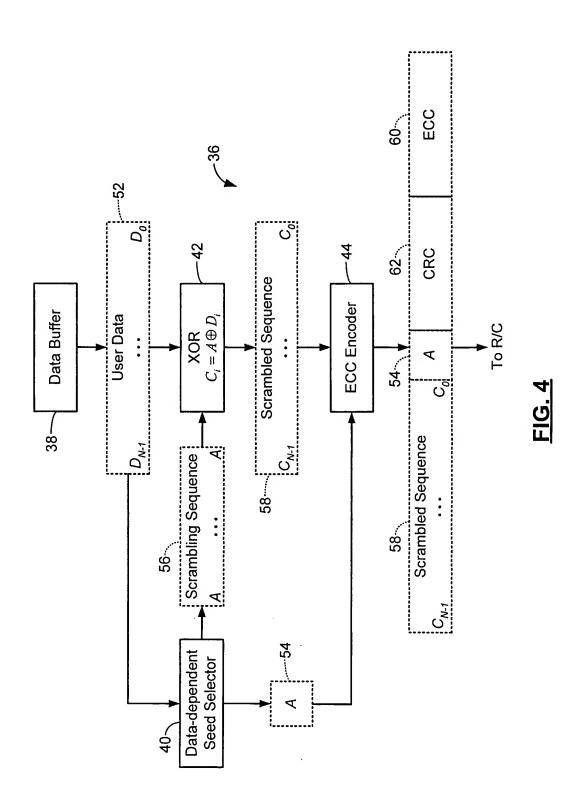
Title: METHOD AND APPARATUS FOR GENERATING A SEED SET IN A DATA DEPENDENT SELECTOR Inventors: Yu, Zhan Atty. Ref.: MP0253

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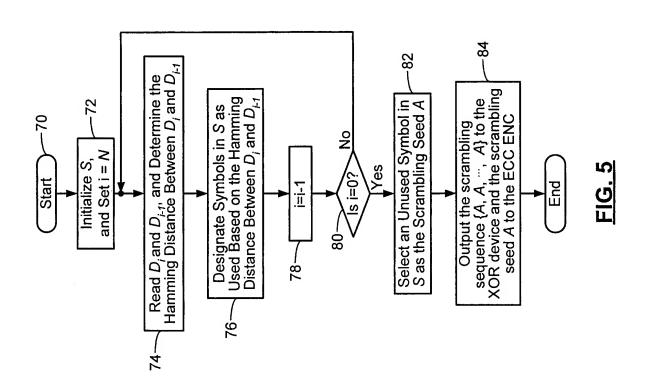


Title: METHOD AND APPARATUS FOR GENERATING A SEED SET IN A DATA DEPENDENT SELECTOR Inventors: Yu, Zhan Atty. Ref.: MP0253

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Relationship Sym	Symbols Designated as Used Amount	Amount		Min. Hamming Weight	Min. Hamming Min. Hamming Max. Sequence Distance Weight Size
23	$(D_i, D_{i+1}) \ge 3$ D_i, D_{i-1}	2	{1,2} or {2,1}	15.0%	
$I(D_i, D_{i-1}) = 2$	D_i, D_{i-1}, X, Y (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$)	4	{1,3} or {3,1}	20.0%	255
=1	$(D_i, D_{i-1}) = 1$ D_i, D_{i-1}	2	{1,2} or {2,1}	15.0%	
	D_i, D_{i-2}, Z (where $d(Z, D_i) = 1$)	12	{2,2,1}	16.67%	

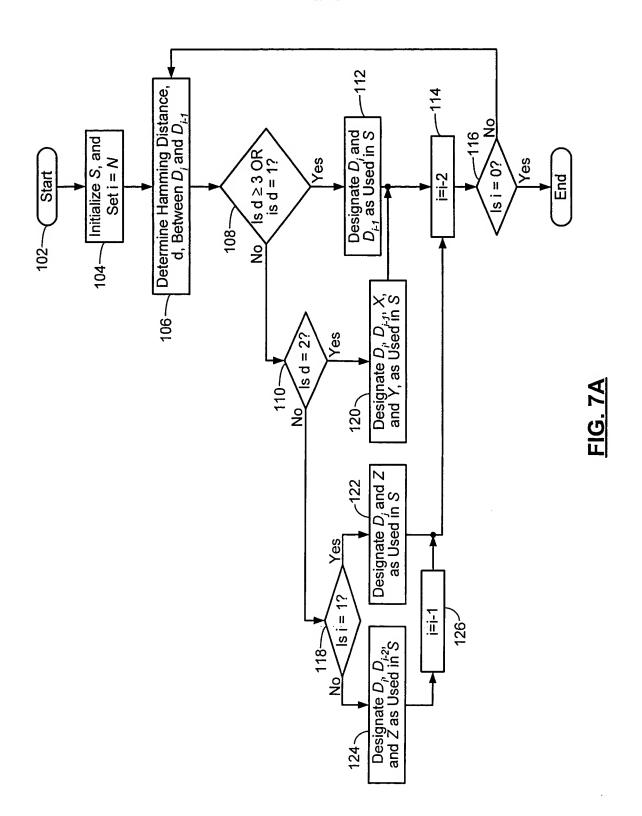
FIG. 6A

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Relationship Sym	bols Designated as Used	Amount	Min. Hamming Distance	Min. Hamming Weight	Min. Hamming Min. Hamming Max. Sequence Distance Weight Size
0	$(D_i, D_{i-1}) \ge 3$ D_i, D_{i-1}	2	{1,2} or {2,1}	15.0%	
\$ \$ D	D_i, D_{i-1}, X, Y (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$)	4	{1,3} or {3,1}	20.0%	312
10	$(D_i, D_{i-1}) = 1$ D_i, D_{i-1}	2	{1,2} or {2,1}	15.0%	
17	$(1, D_{i-2}, D_{i-3}, Z \text{ (where } d(Z, D_i) = 1)$ 13	13	{2,2,1,1}	15.0%	

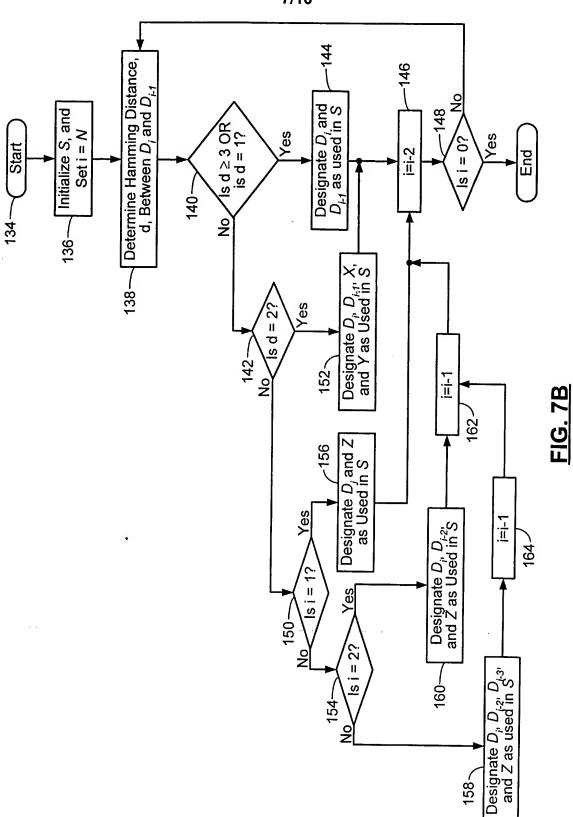
FIG. 6B

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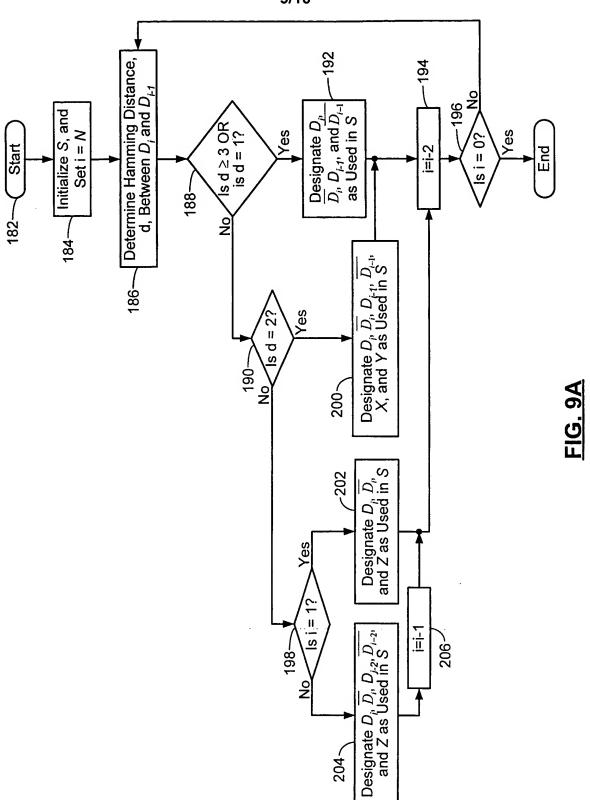
Relationship	Symbols Designated as Used	Amount	Min. Hamming Distance	Min. Hamming Weight	Min. Hamming Max. Sequence Weight Size
$d(D_i,D_{i-1}) \ge 3$	$d(D_i, D_{i-1}) \ge 3$ $D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	{1,2} or {2,1}	15.0%	
$d(D_i, D_{i-1}) = 2$	$d(D_i, D_{i-1}) = 2$ (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$	9	{1,3} or {3,1}	20.0%	219
$d(D_i, D_{i-1}) = 1$	$d(D_i, D_{i-1}) = 1$ $D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	{1,2} or {2,1}	15.0%	
$D_i = D_{i-1}$	$D_i, \overline{D_i}, D_{i-2}, \overline{D_{i-2}}, Z \text{ (where } d(Z, D_i) = 1)$ 14	14	{2,2,1}	16.67%	

FIG. 8A

Relationship	Symbols Designated as Used	Amount	Min. Hamming Distance	Min. Hamming Weight	Min. Hamming Min. Hamming Max. Sequence Distance Weight Size
$d(D_i, D_{i-1}) \ge 3$ $D_i, \overline{D_i}, D_{i-1}$.	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	{1,2} or {2,1}	15.0%	
$d(D_i, D_{i-1}) = 2$	$d(D_i, D_{i-1}) = 2$ (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$	9	{1,3} or {3,1}	20.0%	256
$d(D_i, D_{i-1}) = 1 \mid D_i, \overline{D_i}, D_{i-1},$	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	{1,2} or {2,1}	15.0%	
$D_i = D_{i-1}$	$D_i, \overline{D}_i, D_{i-2}, \overline{D_{i-2}}, D_{i-3}, \overline{D_{i-3}}, Z$ (where $d(Z, D_i) = 1$)	16	{2,2,1,1}	15.0%	

FIG. 8B

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